

CITY OF SACRAMENTO  
1231 I Street, Sacramento, CA 95814

Permit No: 0102287  
Insp Area: 2

Site Address: 21 HAVENWOOD CR SAC  
Parcel No: 030-0480-005

Sub-Type: RES  
Housing (Y/N): N

**CONTRACTOR**  
ZIMMERMAN ROOFING, INC  
3675 R STREET  
SACRAMENTO, CA 95816

**OWNER**  
JUNG CLINTON F & JO ANN  
21 HAVENWOOD CR  
SACRAMENTO CA 95831

**ARCHITECT**

Nature of Work: 42 SQ REROOF W LT WT TILE

**CONSTRUCTION LENDING AGENCY:** I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec 3097, Civ C).

Lender's Name \_\_\_\_\_ Lender's Address \_\_\_\_\_

**LICENSED CONTRACTORS DECLARATION:** I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C39 License Number 557559 Date 2-28-01 Contractor Signature [Signature]

**OWNER-BUILDER DECLARATION:** I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00):

\_\_\_\_ I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

\_\_\_\_ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

\_\_\_\_ I am exempt under Sec. \_\_\_\_\_ B & PC for this reason: \_\_\_\_\_

Date \_\_\_\_\_ Owner Signature \_\_\_\_\_

**IN ISSUING THIS BUILDING PERMIT,** the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 2-28-01 Applicant/Agent Signature [Signature]

**WORKER'S COMPENSATION DECLARATION:** I hereby affirm under penalty of perjury one of the following declarations:

\_\_\_\_ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier PENNSYLVANIA GENERAL INSU. CO. Policy Number 713-00-2021 Exp Date 10/01/2001

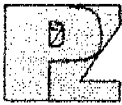
\_\_\_\_ (This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person who shall become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation laws of California, I shall forthwith comply with those provisions.

Date 2-28-01 Applicant Signature [Signature]

**WARNING:** FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION. DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

**THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.**

Jung addendum



Paul Zacher - Structural Engineers  
4701 Lakeside Way  
Fair Oaks, CA 95628

TEL: 916.961.3960  
FAX: 916.961.8552

December 22, 2000

Zimmerman Roofing  
3675 R Street  
Sacramento, CA 95816  
TEL: 916.454.3667  
FAX: 916.455.3784

Attn.: Mr. Jeff Tucker,


re: Job 2000\_387: JUNG

Subject: ADDENDUM to the Structural Investigation Report of the Roof for the Residence located at 21 Havenwood Circle, Sacramento, CA 95831.

The 1 3/4" x 11 7/8" LVL to be scabbed to the existing 2x crosstie in the garage shall be blocked with 2x12 blocking spaced at 4'-0" on center per the attached details.

If you have any questions on the above, do not hesitate to call.

Sincerely,



Paul Zacher, P.E., S.E.  
file



1/5

P.K. Zacher, S.E.

4701 Lakeside Way  
Fair Oaks, CA 95628  
TEL: (916) 961-3960  
FAX: (916) 961-6552

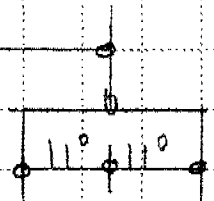
Job #: 00-387

Date: 12/21/00

LOADING

LVL

$$P_{DL} = 11.5 \text{ PSF} \times 6' \times 9' = 621 \text{ \#} \quad 1\frac{3}{4} \times 17\frac{3}{8} \text{ LVL}$$
$$P_{LL} = 16.0 \text{ \#} \times 6' \times 9' = 864 \text{ \#}$$



Paul Zacher - Structural Engineers  
 4701 Lakeside Way  
 Fair Oaks  
 TEL: (916) 981-3980  
 FAX: (916) 961-6552

Title :  
 Dsgnr:  
 Description :  
 Scope :

Job #  
 Date: 4:39PM, 22 DEC 00

Rev: 510304  
 User: KW-0602844, Ver 5.1.3, 22-Jun-1999, Win32  
 (c) 1983-99 ENERCALC

**Timber Beam & Joist**

c:\enercalc\test.ecw\Calculations

**Description BEAMS**

**Timber Member Information**

Calculations are designed to 1997 NDS and 1997 UBC Requirements

<b>Timber Section</b>		LVL
Beam Width	in	LVL:1.750x 1.750
Beam Depth	in	11.875
Le: Unbraced Length	ft	4.00
Timber Grade		Ass Joist - MacMil
Fb - Basic Allow	psi	2,600.0
Fv - Basic Allow	psi	285.0
Elastic Modulus	ksi	1,900.0
Load Duration Factor		1.250
Member Type		Manuf/Pine
Repetitive Status		No

**Center Span Data**

Span	ft	22.00
Point #1 DL	lbs	621.00
LL	lbs	864.00
@ X	ft	11.000

**Results**

Ratio = 0.9339

Mmax @ Center	in-k	98.01
@ X =	ft	11.00
f <sub>b</sub> : Actual	psi	2,383.0
F <sub>b</sub> : Allowable	psi	2,551.7
		Bending OK
f <sub>v</sub> : Actual	psi	53.6
F <sub>v</sub> : Allowable	psi	356.3
		Shear OK

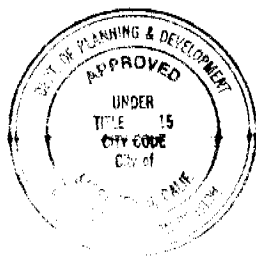
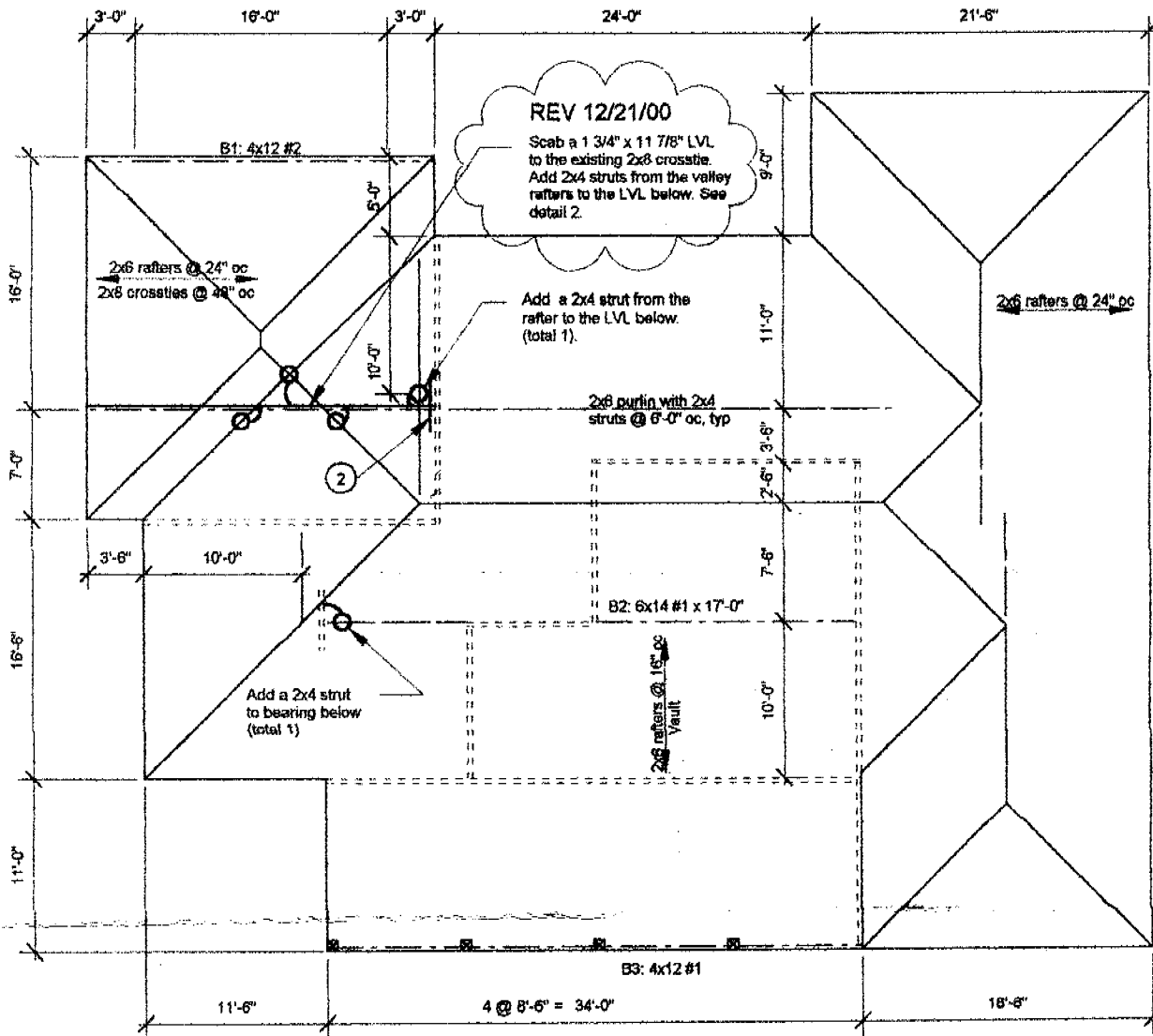
**Reactions**

@ Left End DL	lbs	310.50
LL	lbs	432.00
Max. DL+LL	lbs	742.50
@ Right End DL	lbs	310.50
LL	lbs	432.00
Max. DL+LL	lbs	742.50

**Deflections**

Ratio OK

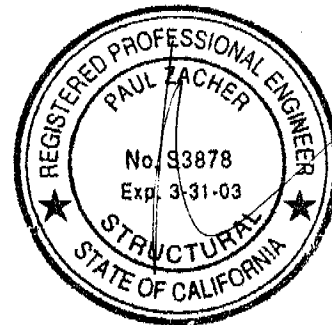
Center DL Defl	in	-0.513
L/Defl Ratio		514.6
Center LL Defl	in	-0.714
L/Defl Ratio		369.9
Center Total Defl	in	-1.227
Location	ft	11.000
L/Defl Ratio		215.2



This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the same without written permission from the Building Inspection Division.

The approval of this plan and specification SHALL NOT be held to permit or approve the violation of any City Ordinance or State Law.

REVIEWED BY: *Paul Zacher*  
2/21/01



**Notes:**

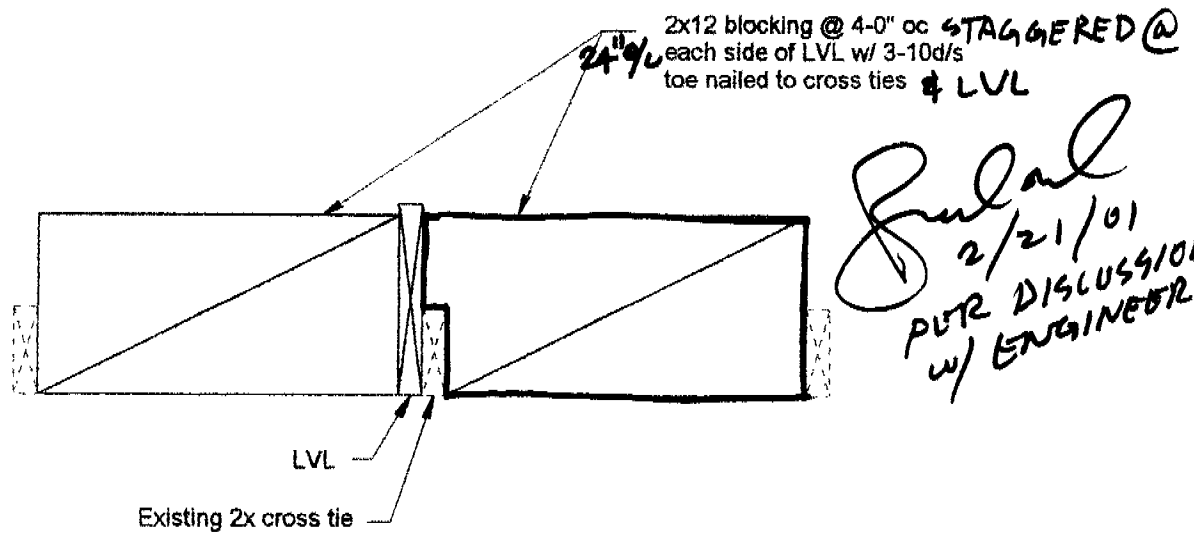
1. This is a reroof project. The new roofing material shall be a Light Weight Concrete Tile. The tile shall weigh less than or equal to 7.0 psf.
2. All rafters are 2x6 DF#2 and hips and valleys are 2x8 DF#2 unless otherwise noted.
3. All existing rafter, hips, valleys, rafter ties, and purlins are braced per UBC Section 2320.12 "Roof and Ceiling Framing" unless otherwise shown.
4. All structural wood members that were observed appear to be in sound condition and without structural defect.

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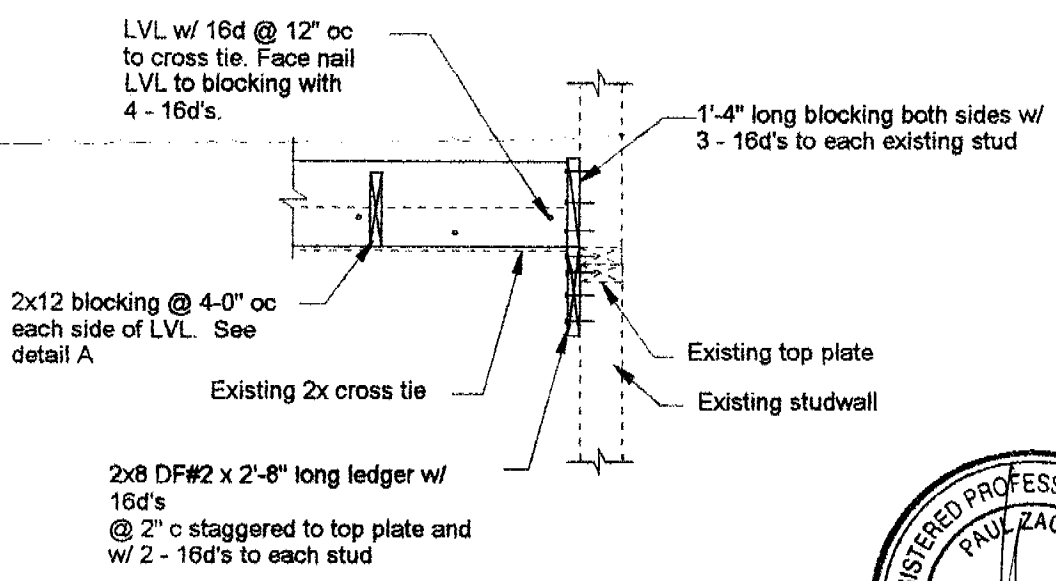
**ROOF PLAN - JUNG**

Not to Scale





**A** **LEDGER BLOCKING**  
scale: 1" = 1'-0"



**B** **LEDGER CONNECTION**  
scale: 1/2" = 1'-0"

**2** **LEDGER CONNECTION**

